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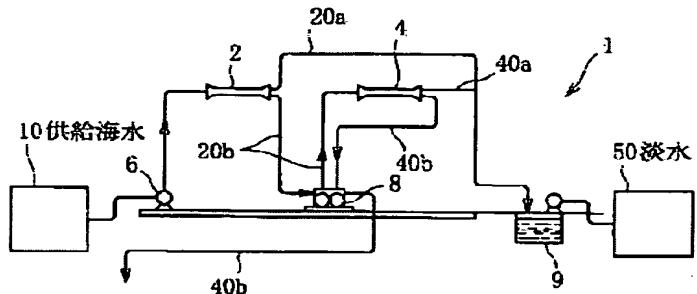
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TITLE : FRESH WATER GENERATING
METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To provide a fresh water generating method using a reverse osmosis separation by which the cost of generating fresh water is reduced and a stabilized operation for a long period is attained.

SOLUTION: In the fresh water generating method, two or more stages of reverse osmosis separations having different operational pressures are performed, and supplied sea water 10 is separated at the first stage by reverse osmosis to obtain concentrated water 20b, and thereafter, the operational processes in which the pressure of the concentrated water obtained at the front stage is further raised and then the resultant concentrated water is separated at the subsequent stage by reverse osmosis are sequentially performed, and the permeated water batches 20a, 40a obtained at respective stages are recovered to obtain fresh water. In the method, operational processes satisfying the following equation are conducted: $S \times F \leq 5$ (here, S is an SDI value of supplied sea water, F: the maximum value ($m^3/(m^2.d)$) of a permeated water quantity per one m^2 of a reverse osmosis membrane).

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